

## CLAIMS

1 1 A multimedia unit for use in vehicle multimedia system that includes a plurality of  
2 multimedia units connected to a ring-shaped bus, said multimedia unit comprising a plurality a  
3 transceiver units configured to communicate over the ring-shaped bus, wherein said multimedia  
4 unit includes a network controller that controls the communication of said plurality of transceiver  
5 units over the ring-shaped bus.

1 2. The multimedia unit of claim 1, wherein said plurality of transceivers are configured and  
2 arranged to communicate over a ring-shaped MOST bus.

3 3. The multimedia unit of claim 2, wherein the multimedia unit is configured as a radio  
4 receiver.

5 4. The multimedia unit of claim 2, wherein the multimedia unit is configured as a television  
6 set.

7 5. The multimedia unit of claim 2, wherein the multimedia unit is configured as a CD player.

8 6. The multimedia unit of claim 2, wherein the multimedia unit is configured as a DVD  
9 player.

10 7. The multimedia unit of claim 2, wherein the multimedia unit is configured as a disk  
11 changer.

1 8. The multimedia unit of claim 2, wherein the multimedia unit is configured as a cassette  
2 recorder.

1 9. The multimedia unit of claim 2, wherein the multimedia unit is configured as a navigation  
2 system.

1 10. The multimedia unit of claim 2, wherein the multimedia unit is configured as a multimedia  
2 network operating and control unit.

1 11. A motor vehicle multimedia system, comprising:  
2 a ring-shaped data bus; and  
3 a plurality of multimedia units connected to said ring-shaped bus, at least one of said  
4 multimedia units comprises a plurality of transceiver units and a network controller, wherein said  
5 multimedia units are configured and arranged to communicate over said ring-shaped bus and said  
6 network controller controls the communication of its associated said plurality of transceiver units  
7 over said ring-shaped bus.

1 12. The motor vehicle multimedia system of claim 11, wherein said ring-shaped data bus is  
2 configured and arranged as a MOST bus.